Questions for Grade 4 _Mathematics_ 2nd Term
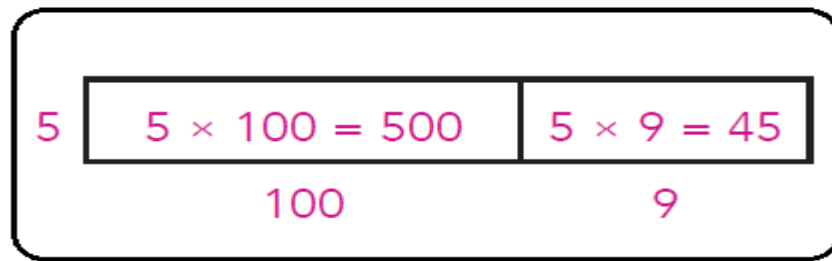
Up to the end of the second term 2022

الإرشادات:

1. **يوجد نسختين من الأسئلة (نسخة word – نسخة pdf) للرجوع إليهما.**

2. **زمن الاختبار 90 دقيقة.**

3. **يتكون الاختبار من خمسة أنواع من الأسئلة وهي: (4) مفردات اختيار من متعدد ، (3) إكمال ، (2) صواب وخطأ ، (4) توصيل، (2) مقال قصير؛ بحيث يصبح عدد مفردات الاختبار 15 مفردة.**

4. **تُخصص درجتان لكل مفردة من مفردات الاختبار (2 × 15 = 30 درجة)**

5. **ضرورة مراعاة الوزن النسبي للاختبار، بحيث يتضمن: (3) مفردات على باقي الوحدة السابعة، (1) مفردة على الوحدة الثامنة، (5) مفردات على الوحدة التاسعة، (4) مفردة على الوحدة العاشرة،(2) مفردة على الوحدة الحادية عشر؛ على أن تكون من بنك الأسئلة الوارد من الوزارة.**

6. **لا يتم إجبار التلميذ على استخدام استراتيجية / طريقة معينة في الإجابة، وللتلميذ الحق في اختيار أسلوب الإجابة بحيث تُكتب خطوات الحل بطريقة صحيحة.**

7. **ضرورة أن يراعي الاختبار الفروق الفردية بين التلاميذ .**

8. **ضرورة مراعاة الحلول والإجابات الأخرى التي يقترحها التلميذ بعيدًا عن نموذج الإجابة المخصص لذلك.**

Choose the correct answer:

1) Using the following area model, the quotient equals …………

5	$5 \times 100 = 500$	$5 \times 9 = 45$
	100	9

a.   545
b.   109
c.   100
d.   9

2) If 37 oranges are distributed equally among 5 plates, how many oranges will be left?

a.   5
b.   2
c.   7
d.   0

3) $6524 \div 4 =$…………………

a.   1631
b.   1151
c.   1361
d.   1631

4) Which of the following equals 6?

a. $24 \div 6 - 2$
b. $3 \times 1 + 1$
c. $12 + 6 \div 3$
d. $18 - 3 \times 4$

5) $30 - 4 \times (2 + 1) =$ ……………

a.   102   b.   28
c.   18   d.   78

6) $20 \div 5 + 5 - 2 =$……………………

a.   0   b.   7
c.   2 R4   d.   8

7) Which is the first step when solving the following problem $14 + 4 \div 2$?

a.   Add 14 and 4   b.   Divide 4 by 2
c.   Divide 14 by 2   d.   Divide 18 by 2

8) Which of the following expressions has a value $\dfrac{5}{6}$?

a. $\frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6}$ b. $\frac{1}{6} + \frac{2}{6} + \frac{3}{6} + \frac{4}{6} + \frac{5}{6}$

c. $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$ d. $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

9) $1\frac{1}{4} + \frac{3}{4} = \cdots$ … … … … ..

a. $2\frac{1}{4}$ b.   2
c.   4   d. $2\frac{3}{4}$

10) $3\frac{5}{8} - 2\frac{1}{8} = \cdots$ … … … … ..

a. $2\frac{1}{2}$ b. $2\frac{4}{8}$
c. $1\frac{6}{8}$ d. $1\frac{1}{2}$

11) Which of the following mixed numbers is equal to $\frac{6}{5}$?

a. $1\frac{1}{2}$ b. $1\frac{1}{12}$

c. $1\frac{1}{5}$ d. $1\frac{1}{6}$

12) $2\frac{1}{8}$ is equivalent to:

a. $\frac{4}{8} - \frac{2}{8}$ b. $\frac{4}{8} + \frac{2}{8}$

c. $\frac{17}{8}$ d. $\frac{11}{8}$

13) Which of the following is a unit fraction?

a. $\frac{1}{8}$

b. $\frac{3}{8}$

c. $\frac{8}{8}$

d. $\frac{8}{1}$

14) Which is the correct decomposition of $\frac{5}{9}$ using unit fractions?

a. $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{2}{9} = \frac{5}{9}$

b. $\frac{3}{9} + \frac{2}{9} = \frac{5}{9}$

c. $\frac{1}{9} + \frac{4}{9} = \frac{5}{9}$

d. $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} = \frac{5}{9}$

15) Which equation is <u>not a correct</u> decomposition of $\frac{10}{11}$?

a. $\frac{1}{11} + \frac{2}{11} + \frac{3}{11} + \frac{4}{11} = \frac{10}{11}$

b. $\frac{5}{11} + \frac{5}{11} = \frac{10}{11}$

c. $\frac{1}{11} + \frac{2}{11} + \frac{8}{11} = \frac{10}{11}$

d. $\frac{1}{11} + \frac{2}{11} + \frac{2}{11} + \frac{2}{11} + \frac{3}{11} = \frac{10}{11}$

16) Which relation is correct?

a. $\frac{3}{7} > \frac{5}{7}$

b. $\frac{6}{7} < \frac{4}{7}$

c. $\frac{1}{7} > \frac{3}{7}$

d. $\frac{1}{7} < \frac{5}{7}$

17) Which relation is correct?

a. $\frac{7}{12} > \frac{7}{9}$

b. $\frac{7}{8} < \frac{7}{10}$

c. $\frac{7}{13} < \frac{7}{11}$

d. $\frac{7}{15} > \frac{7}{9}$

18) Which fraction <u>is not equivalent</u> to $\frac{3}{9}$?

   a. $\frac{6}{12}$

   b. $\frac{5}{15}$

   c. $\frac{2}{6}$

   d. $\frac{1}{3}$

19) The order of the fractions $\frac{5}{10}, \frac{3}{12}, \frac{2}{6}$, and $\frac{10}{15}$ from the greatest to the smallest.

   a. $\frac{10}{15}, \frac{5}{10}, \frac{3}{12}, \frac{2}{6}$

   b. $\frac{3}{12}, \frac{2}{6}, \frac{5}{10}, \frac{10}{15}$

   c. $\frac{10}{15}, \frac{5}{10}, \frac{2}{6}, \frac{3}{12}$

   d. $\frac{10}{15}, \frac{3}{12}, \frac{5}{10}, \frac{2}{6}$

20) Which number fits in the blank?

$$\frac{1}{2} = \frac{?}{22}$$

   a.   10
   b.   11
   c.   12
   d.   20

21) Which number fits in the blank?

$$\frac{2}{3} = \frac{18}{?}$$

   a. 6
   b. 9
   c. 19
   d. 27

22) If $600 \div 60 = 10$, then the divisor equals............
   a. 1   b. 10   c.60   d. 100

23) The quotient of dividing 922 by 3 is .... and the remainder is 1.
   a. 37   b. 703   c. 307   d.76

24) If the quotient of dividing 48 by 5 equals 9 and the remainder is 3, which of the following statements can be used to verify that?
   a. 9×5 b. $(9 \times 5) + 3$ c. $(3 \times 9) + 5$ d. $(3 \times 9) + (3 \times 5)$

25) $5 + 30 \div 5 = $ ....
   a. 11   b. 7   c. 6   d. 3

26) Hoda bought 8 books for LE 160 , then the price of one book equals ....LE
   a. 12   b. 168   c. 152   d. 20

27) $15 + (50 \div 10) \times 3 = $ ....
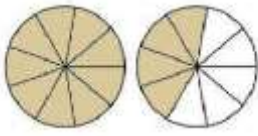   a. 60   b. 30   c.23   d. 30

28) The number which if we divided it by 8, the quotient will be 6 and remainder 2 is ....
   a. 16   b. 46   c. 48   d. 50

29) $\frac{7}{12}$ is closer to the benchmark fraction ... ...

   a. 1   **b.** $\frac{1}{2}$ **c.** $\frac{1}{4}$ **d. 0**

30) The fraction which represents the shaded parts in the following model is ....

a. $\frac{4}{9}$ b. $\frac{5}{9}$ c. $\frac{13}{9}$ d. $\frac{13}{18}$

31) which of the following represents a unit fraction? ....

a. $\frac{7}{4}$ b. $\frac{7}{7}$ c. $\frac{4}{7}$ d. $\frac{1}{7}$

32) $\frac{5}{9} + \frac{4}{9} = $ ....

a. $\frac{1}{9}$ b. $\frac{9}{18}$ c. 1 d. $\frac{20}{81}$

33) $\frac{1}{4} < \frac{1}{..........}$

a . 8 b. 7 c. 5 d. 3

34) $\frac{20}{7} = $ .... (As a mixed number)

a. $3\frac{1}{7}$ b. $2\frac{6}{7}$ c. $2\frac{1}{7}$ d. $1\frac{6}{7}$

35) $4\frac{1}{2}$ =............... (As an improper fraction)

a. $\frac{5}{2}$ b. $\frac{7}{2}$ c. $\frac{9}{2}$ d. $\frac{9}{4}$

36) $4 + \frac{7}{11} + 2 + \frac{1}{11} = $ ....

a. $6\frac{8}{11}$ b. $6\frac{8}{22}$ c. $2\frac{6}{11}$ d. $7\frac{8}{11}$

37) **Which of the following statements is true?**

a. $\frac{3}{5} = \frac{9}{25}$ b. $\frac{1}{2} = \frac{5}{15}$ c. $\frac{4}{5} = \frac{8}{10}$ d. $\frac{2}{10} = \frac{6}{10}$

38) **The expanded form for the number 2.35 is ....**

    a.   2 + 0.5 + 0.03   b.   2 + 0.3 + 0.05

    c.   3 + 0.5 + 0.02   d.   5 + 0.2 + 0.03

39) **The standard form for the number: 3 ones, 5 tenths and 7 hundredths is ......**

    a.   3.57   b.   3.75

    c.   7.53   d.   5.37

40) **0.4 is equivalent to ......**

    a. $\dfrac{4}{100}$ b. $\dfrac{1}{4}$

    c. $\dfrac{10}{4}$ d. $\dfrac{40}{100}$

41) **71 hundredths equals ....**

    a. $\dfrac{7}{100}$ b.   0.29

    c.   0.71   d. $\dfrac{17}{100}$

42) $\dfrac{1}{10} + \dfrac{11}{100} = $ ....

    a.   0.12   b.   0.21

    c.   2.1   d.   1.2

From the following graph (q. 43 , q. 44):
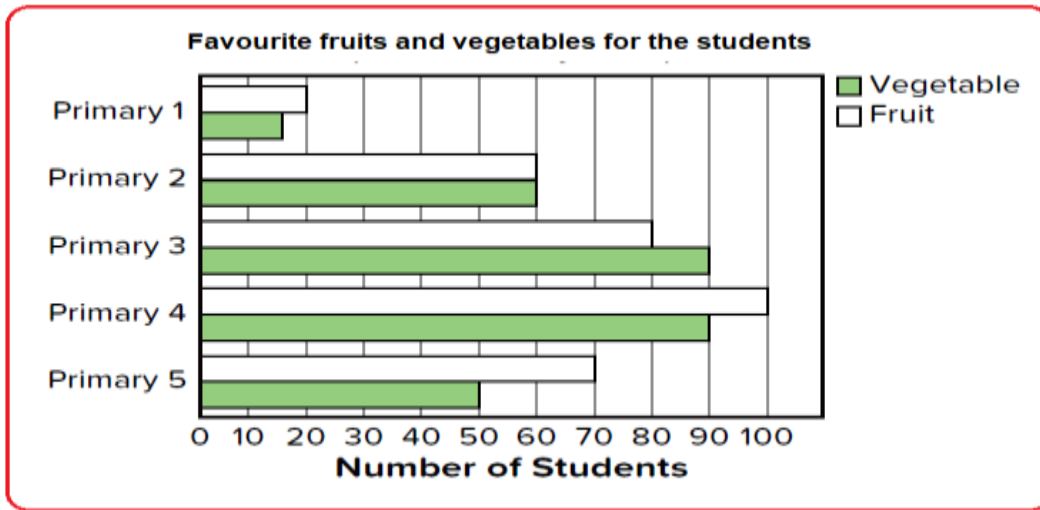
Favourite fruits and vegetables for the students

43) Which grade likes vegetables more than fruits?

a.   Primary 2   b.   Primary 3

c.   Primary 4   d.   Primary 5

44) What is the total number of students who like vegetables and fruits in grade 4?

a.   30   b.   120

c.   170   d.   190

45) **To compare between rainfall in the deserts of Africa in the two years 2020 , 2022 we use:**

a. Picture representation   b.   bar graph

c.   Line plot graph   d.   double par graph

Complete:

46) $\dfrac{12}{20} = \dfrac{.......}{5}$

47) $5\dfrac{5}{6} + 2\dfrac{1}{6} = ...$

48) $1 + 1\dfrac{1}{6} = ...$

49) $\dfrac{5}{8} = \dfrac{......}{16}$

50) **If   55 ÷5 =11   , then the divisor is 5**

51)   **7000÷7 = ...**

52)   **5 - $2\dfrac{2}{5}$ = ...**

53)   **3 - $1\dfrac{1}{6}$ = ...**

54) **When we divide the number 26 by 5, the quotient is …. and the remainder is ……**

55) $\dfrac{5}{12} + \dfrac{2}{12} + \dfrac{6}{12} = ...$ **(in simplest form)**

56)   **1- $\dfrac{2}{5}$ = ...**

57) **In the equation: 48 ÷6 = 8 the dividend is ….. , the divisor is …. and the quotient is …..**

58) **20÷4-3 = ……..**

59) $\dfrac{20}{36} = \dfrac{\text{......}}{9}$ in the simplest form

60) $\dfrac{2}{3} = \dfrac{\text{......}}{12}$

61) **20 − 9 + 5 = …………**

62) **100 − (4+7) × 9 =……..**

63) **The proper fraction has the numerator ……. than the denominator.**

64) $\dfrac{7}{2}$ **is an ……….. fraction.**

65) $3\dfrac{2}{5} - 1\dfrac{4}{5} = \text{……..}$

66) $3\dfrac{3}{4} = \text{……..}$ **(in the form of an improper fraction)**

67) $\dfrac{17}{3} = \text{……….}$ **(in the form of a mixed number)**

68) $\dfrac{5}{8} \times \dfrac{\text{..........}}{3} = \dfrac{15}{24}$

69) $\dfrac{4}{5}, \dfrac{8}{10}, \dfrac{12}{15}, \dfrac{16}{20}, \text{....}$ **(In the same pattern)**

70) **24,506 − 14,506 = ………………**

71) **606 ÷ 6 = …………**

72) **The dividend in 48 ÷ 4 = 12 is ……..**

73) **The quotient in 81,000 ÷ 9 equals…….**

74) **The remainder of: 82 ÷ 9 is ….**

75) **16 − 12 ×4 ÷ 8 = ………………**

76) $\dfrac{3}{4} \times \dfrac{2}{2} = \text{… … …}$ **(in the simplest form)**

77) 614,821 + 5,623 = ……….

78) 18 × 25 = … ……….

79) $2\dfrac{6}{9} - 1\dfrac{2}{9} = \cdots$

80) $\dfrac{5}{10} - \dfrac{2}{10} = \cdots$

81) $\dfrac{4}{7} \times \text{…. } = \dfrac{16}{28}$

82) $\dfrac{2}{5} = \dfrac{\text{.....}}{25}$

83) $\dfrac{69}{100} + \dfrac{2}{10} = \text{……..}$ **(in a decimal form)**

84) **The unit form for the number 8.5 is…………….**

85) **The place value of the digit 5 in the decimal number 12.15 is ……..**

86) **The value of the digit 6 in the number 2.65 is ………**

87) $\frac{46}{100} + \frac{3}{10} =$ ……… (in a decimal form)

88) **The suitable graph representation to compare the maximum and minimum temperature between many governorates during a week is………….**

89) The number 45 in the division problem $45 \div 9 = 5$ is called the divisor.   (   )

90) The reminder of the division operation $65 \div 8 = 8$ is equal to 1   (   )

91) If the quotient is 5 , the divisor is 4 and the remainder is 2 , then the dividend is 22   (   )

92) The following division array represents the division problem:

$$21 \div 6 = 3 \text{ R } 3$$

1	2	3	4	5	6				
7	8	9	10	11	12				
13	14	15	16	17	18				
19	20	21							

(   )

93) To find the quotient in $4500 \div 5 = 900$, we can use the following fact: (   )
$45 \div 5 = 9$

94) The following area model represents:

$$89 \div 6 = 14 \text{ R } 5$$

6	6 × 10 = 60	6 × 4 = 24
	10	4 R5

(   )

95) In the following division problem, the quotient is 224 and the remainder is 4.

( )

$$\begin{array}{r|r} 4\,\overline{)897} & 200 \\ -\,800 & \\ \hline 97 & 10 \\ -\,40 & \\ \hline 57 & 10 \\ -\,40 & \\ \hline 17 & 4 \\ -\,16 & \\ \hline 1 & \end{array}$$

96) To solve the following puzzle:

( )

$$\text{rectangle} + \text{rectangle} + \text{rectangle} = 12$$
$$\text{rectangle} + \text{rectangle} + \text{triangle} = 18$$
$$\text{circle} + \text{triangle} + \text{triangle} = 26$$

rectangle $=4$, circle $=6$ and triangle $=10$

97) $5 \times 6 - 4 + 3 = 13$ ( )

98) $7 \times 8 \div 4 - 2 = 12$ ( )

99) $17 \times (15 - 8) + 2 = 121$ ( )

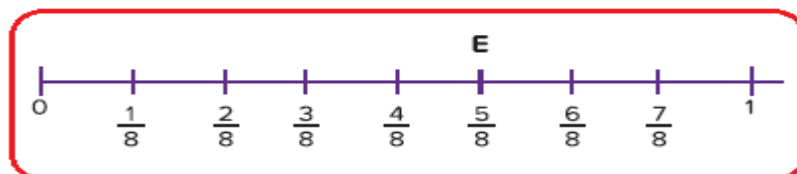100) $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = 1$ ( )

101) In the following shape, the unit fraction that represents the shaded part is $\frac{1}{4}$. ( )

102) In the following shape, the number of the unit fractions do we need to represent point E equals 5.

( )
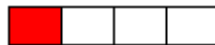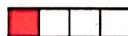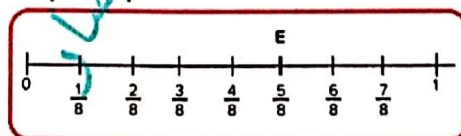
103) In the following shape, the fraction that represents the shaded parts is $\frac{1}{2}$.
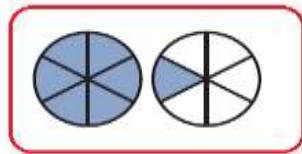

( )

104) The fraction $\frac{7}{5}$ is called an improper fraction.

( )

105) The fraction $\frac{2}{7}$ is called a proper fraction.

( )

106) In the following shape, the mixed number that represents the shaded parts is $1\frac{1}{4}$

( )

107) $1 + \frac{1}{5} + \frac{2}{5} = 1\frac{3}{10}$

( )
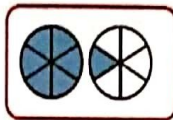
108) $1 + \frac{2}{5} + \frac{3}{5} = 2$

( )

109) $2 - \frac{1}{4} = 1\frac{3}{4}$

( )

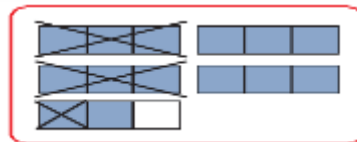110) $1\frac{3}{4} + \frac{1}{4} = 3$

( )

111) $5 - 2\frac{1}{4} = 2\frac{3}{4}$

( )

112) The following shape represents correctly the subtraction sentence:
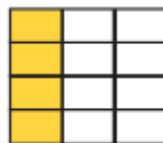$$4\frac{2}{3} - 2\frac{1}{3} = 2\frac{1}{3}$$
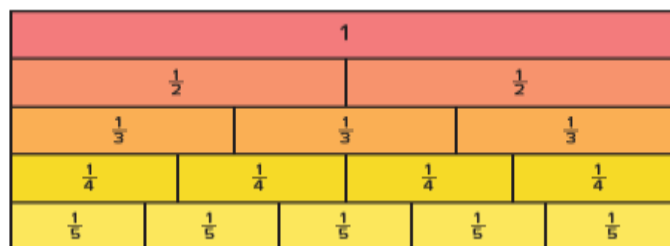

( )
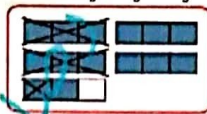
113) The shaded parts in the following model represents the equivalent fraction of $\frac{1}{3}$
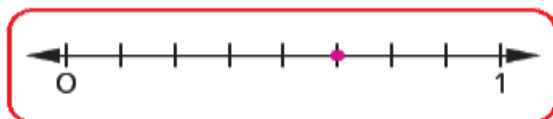

( )

114) From the following fraction wall, the equivalent fraction of $\frac{1}{2}$ is $\frac{1}{4}$

( )

- 16 -

115) In the following shape: the fraction $\frac{5}{8}$ is closer to benchmark fraction
$\frac{1}{2}$

( )

116) $\frac{1}{2} = \frac{15}{30}$ ( )

117) $\frac{1}{2} \times 0 = 0$ ( )

118) $\frac{5}{7} \times 1 = 1$ ( )

                                                                                                      ( )

119) Number of halves in the whole one is 2

120) The fractions $\frac{4}{5}$, $\frac{12}{13}$ are equivalent.   ( )

121) The fractions $\frac{6}{8}$, $\frac{9}{12}$, $\frac{12}{16}$ are equivalent to $\frac{3}{4}$ ( )

122) When we divide 28 by 8 the quotient will be 3 and the remainder 5   ( )

123) The first step to solve the problem $30 - 20 \div 2 \times 5$ is division operation   ( )

124) The dividend = (the divisor $\times$ the quotient) + the remainder   ( )

                                                                                                      ( )

125) $310 \div 3 = 100$ r 1

126) Mariem distributed LE 840 equally among four charity associations,   ( )
      then each association has LE 210

127) The first step to solve the problem $16 - 8 \times 2 + 5$ is subtraction.   ( )

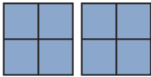128) The unit fraction that forms the proper fraction $\frac{5}{8}$ is $\frac{1}{8}$ ( )

129) The number of unit fractions that form the proper fraction in $\frac{3}{4}$ is 4   ( )

130) $1 - \frac{1}{3} = \frac{2}{3}$ ( )

131) The number of unit fraction $\frac{1}{4}$ in the whole one is 4   ( )

132) $\frac{3}{9}$ is equivalent to $\frac{2}{3}$ ( )

133) **The decimal fraction represents the following model is 0.6**   ( )

134) **The unit form for the number 7.34 is: 7 ones , 3 tenths and 4 hundredths**   ( )

135) **The decimal fraction which equivalent to $\frac{1}{4}$ is 0.5**   ( )

136) **0.6 > 0.58**   ( )

137) **2.5 < 2.58**   ( )

138) $\frac{1}{4}$ **> 0.3**   ( )

Match each paragraph of (A) with its appropriate (B):

(A)	(B)
139) $18 \div 3 + 15 - 1 = \ldots\ldots$	$3\,\frac{3}{4}$
140) $2\frac{4}{6} - \frac{5}{6} = \ldots\ldots$	910
141) The fraction that is represented by this model is …….	$1\,\frac{5}{6}$
142) $\frac{15}{4} = \ldots\ldots$	20
143) $4550 \div 5 = \ldots$	$\frac{8}{4}$

(A)	(B)
144) $224 \div 7 = $ ……	$\dfrac{17}{5}$
145) $\dfrac{8}{9} = $	30
146) The improper fraction for the shaded part of the mixed number $3\,\dfrac{2}{5}$ is ……	32
147) $300 \div (30-20) = $ …….	$\dfrac{3}{4}$
148) $\dfrac{3}{4} \times \dfrac{5}{5} = $ ……..	$\dfrac{24}{27}$

....

(A)	(B)
149) $3\,\dfrac{4}{5} - 1\,\dfrac{3}{5} = $ ……	80
150) The mixed number represented by the following model is …..	$2\dfrac{1}{5}$
151) $688 \div 8 = $ ….	86
152) $4\,\dfrac{3}{5} = $ …….	$\dfrac{23}{5}$
153) $89 + 3 - 3 \times 4 = $ ……	$4\,\dfrac{1}{3}$

....

(A)	(B)
154) $4 + \dfrac{4}{8} + 2 + \dfrac{5}{8} = $ …..	29
155) $\dfrac{13}{9} = $	64

156) $77 - 13 \times 2 \div 2 = $ …..

$1\frac{4}{9}$

157) $145 \div 5 = $ …..

$\frac{3}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9}$

158) The expression which represents an equivalent value of $\frac{6}{9}$ is …….

$7\frac{1}{8}$

....

(A)	(ب)

159) The remainder of $87 \div 5$ is ……

$\frac{5}{4}$

160) The expression which has the value $\frac{5}{6}$ is …….

$7\frac{1}{8}$

161) $77 \div 7 + 9 = $ …….

20

162) The improper fraction that represents the shaded parts in the following model is ……

2

163) $4\frac{3}{8} + 2\frac{6}{8} = $ …….

$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

....

(A)	(B)

164) $1 - \frac{3}{5} = $ ……..

11

165) $2\frac{2}{9} + 3\frac{5}{9} = $ …..

$\frac{26}{7}$

166) $812 \div 4 = $ ……

$5\frac{7}{9}$

167) $49 - 7 \times 6 + 4 = $ ……

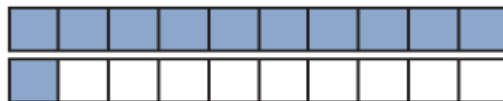$\frac{2}{5}$

168) $3\frac{5}{7} = $ ……..

203

(A)	(B)

169) 4 ones, 9 hundredths = ... — *1.1*

170) $\frac{2}{10} + \frac{3}{10} + \frac{9}{10}$ = ... — 10.05

171) The decimal number which represents the shaded parts in this model is ..... — 4. 09

172) $10 \frac{5}{100}$ = ... — 4

173) $\frac{40}{100} = \frac{......}{10}$ — $1 \frac{4}{10}$

....

(A)	(B)

174) $\frac{2}{10} = $ .... — **0.07 + 0.1 + 1**

175) The value of the digit 4 in the number 3.94 is ...... — 3.2

176) 1.17 in expanded form is .... — 0.61

177) 0.60 = ... — 0.6

178) $\frac{46}{100} + \frac{15}{100}$ = ... — 0.04

....

	(A)	(B)

(A)   **(B)**

179) $2\dfrac{8}{10} = 2\dfrac{\text{......}}{100}$

5.51

180) The decimal number which represents the shaded parts in this model is …..

Tenths

181) The place value of the digit 3 in the decimal number 12.31 is

2.40

182) 5 + 0.5 + 0.01 = ……

Nine hundredths

183) The word form of the number 0.09 is …..

80

………………………………………………………………………………

(A)   **(B)**

184) $\dfrac{2}{10} + \dfrac{80}{100} = $ …..

0.05

185) The standard form of the number :
2 Ones, 1 Tenths, 9 Hundredths

10

186) $5\dfrac{24}{100} = $ ……..

5.24

187) 0.08 > …...

1

188) $1\dfrac{70}{100} = 1\dfrac{7}{\text{......}}$

2.19

189) There are 72 students on the playground. They want to make teams with 9 students in each team. How many teams will they make?

190) Salem brought 15 pies to give to 4 friends. How can Salem share the pies equally? What is the remainder?

191) There are 48 mugs that need to be put in boxes and shipped. Eight mugs can fit in each box. How many boxes will be needed to ship the mugs?

192) There were 540 crayons in a large bin. Students were asked to put each 9 crayons in a small box. How many boxes are needed?

193) An organization donated 84 books to a school. The books will be distributed equally among 6 classrooms. How many books will each classroom get?

194) Rashida saved 545 LE to buy a toy car. She did this by saving 5 LE every day. How many days were needed to save enough money to buy a toy car?

195) Amir bought a book of stickers. There were 92 stickers in the book. He wanted to distribute them equally among 4 friends. How many stickers will each friend get?

196) There are 64 pencils. The pencils have to be divided equally among 4 groups of students. How many pencils will each group get?

197) The owner of a juice fruit market has 480 paper cups. If he wants to use the cups for 3 months equally, how many cups should he use each month?

198) A train has 784 seats for passengers. If there are 7 cars on the train and each car has the same number of seats, how many seats in each car?

199) Yahia placed 21 juice bottles equally on 3 tables. How many juice bottles were placed on each table?

200) Mazen needs $\frac{3}{4}$ kilogram of sugar for his sweets recipe. He has a measuring cup that holds $\frac{1}{4}$ kilogram of sugar. How many times will he need to fill the measuring cup for his recipe?

201) Hany drank $1\frac{3}{8}$ liters of water. Samir drank $1\frac{5}{8}$ liters of water. How many liters of water did Hany and Samir drink together?

202) Badr bought $1\frac{1}{2}$ kilograms of sugar, $2\frac{1}{2}$ kilograms of flour and $1\frac{1}{2}$ kilograms of rice. What is the total number of the kilograms that Badr bought?

203) Each of Othman and Ramzy has a bar of sweet of the same size. If Othman ate $\frac{4}{6}$ of his bar and Ramzy ate $\frac{4}{8}$ of his bar. Who ate more?

204) Amir has 12 cakes, he ate $\frac{1}{4}$ of them. How many cakes did Amir ate?

205) Nabil has 9 cakes. $\frac{2}{3}$ of them have chocolate. How many chocolate cakes are there?

206) Manar is making a drink that requires $\frac{5}{8}$ liter of milk, and she has only $\frac{2}{8}$ liter of milk. How much milk does Manar need more to make the drink?

207) Samira cut a cake into 8 equal parts and ate one part of them. What is the fraction that represents the remaining parts?

208) Adam drunk 0.6 liter of juice. Omar drunk $\frac{4}{10}$ liter of juice. Who drank more?

209) Zaher has a number of seeds. On Friday he planted $\frac{3}{9}$ of them, and he planted $\frac{5}{9}$ of them on Saturday. What fraction represents the seeds that Zaher planted in both of the two days?

210) Ayman finished $\frac{2}{7}$ of the homework before his coming back home. What fraction represents the remaining part of the homework?

211) Hala spends $\frac{1}{10}$ from her pocket money to buy a toy. What fraction represents the remaining money of her pocket money?

212) Samir read $\frac{3}{10}$ of his book on Monday, and $\frac{55}{100}$ of it on Friday. What fraction represents the part that Samir read from the book?

213) If Manar's bottle contains $\frac{6}{10}$ liter of oil while Hana's bottle contains 0.75 Which bottle contains more oil?

214) A piece of wood of length $\frac{12}{15}$ meter. Another piece of wood of length $\frac{9}{15}$ meter . What is the length of the two pieces of wood together?

215) How many small pieces of wood of length 0.1 meter can be cut from another big piece of length 0.7 meter?

216) Gamal's home is 0.44 kilometer from the school, while Hany's home is $\frac{6}{10}$ from the school. Who has to walk a long distance to the school?

217) Hana's bought a piece of cloth of length $\frac{8}{10}$ meter. And Mona bought another piece of length $\frac{25}{100}$ meter. What is the total length of the two pieces?

218) Hosam walked $\frac{5}{10}$ kilometer then he walked $\frac{21}{100}$ kilometer else. How long did Hosam walk to the home?

219) Ahmed has 15 cakes. If $\frac{3}{5}$ of them are covered with chocolate. How many chocolate cakes are there?

220) The following data show the distance in kilometers that some students cover to the school:

$\frac{3}{5}$ km; $\frac{2}{5}$ km; $\frac{2}{5}$ km; $\frac{5}{5}$ km; $\frac{4}{5}$ km; $\frac{2}{5}$ km; $\frac{4}{5}$ km; $\frac{5}{5}$ km; $\frac{4}{5}$ km; $\frac{4}{5}$ km; $\frac{1}{5}$ km
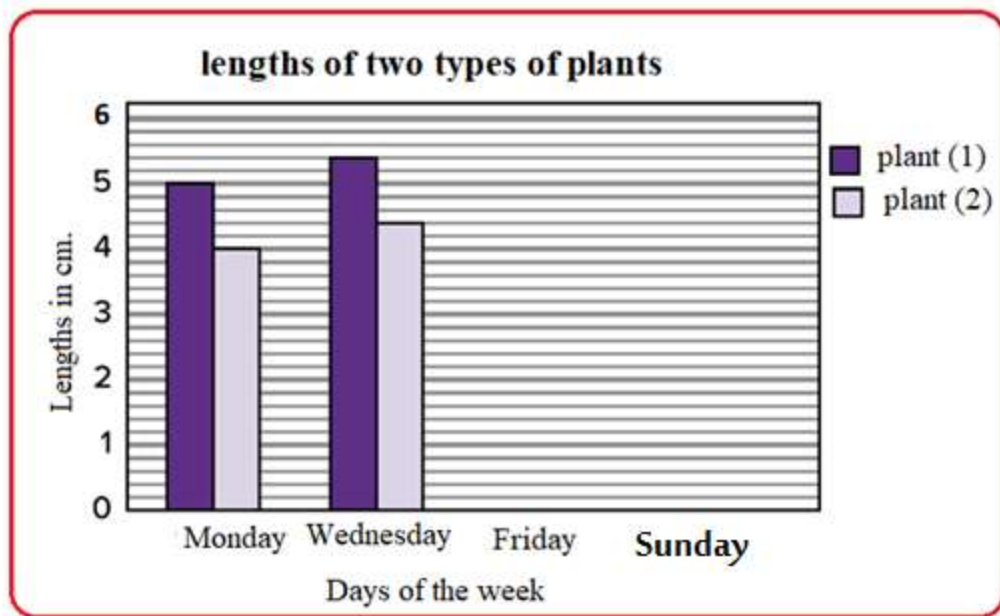
(a) Create the line plot for the given data.

(b) What's the distance that most of the students cover to the school?

221) Kamal recorded the lengths of two types of plants in four days as follow:

	Mon.	Wed.	Fri.	Sun.
plant(1)	5 cm	$5\frac{2}{5}$ cm	6 cm	$6\frac{1}{5}$ cm
plant(2)	4 cm	$4\frac{2}{5}$ cm	$4\frac{3}{5}$ cm	5 cm

(a) Use the above data to complete the following graph:

lengths of two types of plants

b) In plant (1), What's the amount of increasing in its length from Monday to Sunday?

الإرشادات:

1. يوجد نسختين من الأسئلة (نسخة word – نسخة pdf) للرجوع إليهما.

2. زمن الاختبار 90 دقيقة.

3. يتكون الاختبار من خمسة أنواع من الأسئلة وهي: (4) مفردات اختيار من متعدد ، (3) إكمال ، (2) صواب وخطأ ، (4) توصيل، (2) مقال قصير؛ بحيث يصبح عدد مفردات الاختبار 15 مفردة.

4. تُخصص درجتان لكل مفردة من مفردات الاختبار (2 × 15 = 30 درجة)

5. ضرورة مراعاة الوزن النسبي للاختبار، بحيث يتضمن: (3) مفردات على باقي الوحدة السابعة، (1) مفردة على الوحدة الثامنة، (5) مفردات على الوحدة التاسعة، (4) مفردة على الوحدة العاشرة،(2) مفردة على الوحدة الحادية عشر؛ على أن تكون من بنك الأسئلة الوارد من الوزارة.

6. لا يتم إجبار التلميذ على استخدام استراتيجية / طريقة معينة في الإجابة، وللتلميذ الحق في اختيار أسلوب الإجابة بحيث تُكتب خطوات الحل بطريقة صحيحة.

7. ضرورة أن يراعي الاختبار الفروق الفردية بين التلاميذ .

8. ضرورة مراعاة الحلول والإجابات الأخرى التي يقترحها التلميذ بعيدًا عن نموذج الإجابة المخصص لئك.

-1-

Choose the correct answer:
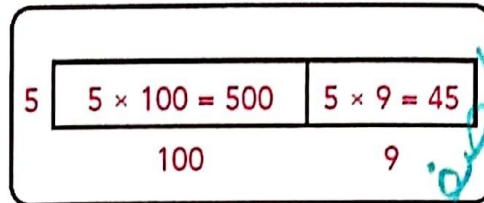
1) Using the following area model, the quotient equals ……………

5	5 × 100 = 500	5 × 9 = 45
	100	9

a. 545

b. **109**

c. 100

d. 9

2) If 37 oranges are distributed equally among 5 plates, how many oranges will be left?

a. 5

b. **2**

c. 7

d. 0

3) $6524 \div 4 =$ ……………………

a. **1631**

b. 1151

c. 1361

d. 1631

4) Which of the following equals 6?

a. $24 \div 6 - 2$

b. $3 \times 1 + 1$

c. $12 + 6 \div 3$

d. **$18 - 3 \times 4$**

5) $30 - 4 \times (2 + 1) =$ ……………

- 2 -

a. 102

b. 28

c. 18

d. 78

6) $20 \div 5 + 5 - 2 = \ldots\ldots\ldots\ldots\ldots\ldots\ldots$

a. 0

b. 7

c. 2 R4

d. 8

7) Which is the first step when solving the following problem $14 + 4 \div 2$?

a. Add 14 and 4

b. Divide 4 by 2

c. Divide 14 by 2

d. Divide 18 by 2

8) Which of the following expressions has a value $\frac{5}{6}$?

a. $\frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6}$

b. $\frac{1}{6} + \frac{2}{6} + \frac{3}{6} + \frac{4}{6} + \frac{5}{6}$

c. $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

d. $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

9) $1\frac{1}{4} + \frac{3}{4} = \cdots\ldots\ldots\ldots\ldots$

a. $2\frac{1}{4}$

b. 2

c. 4

d. $2\frac{3}{4}$

10) $3\frac{5}{8} - 2\frac{1}{8} = \cdots\ldots\ldots\ldots\ldots$

a. $2\frac{1}{2}$

b. $2\frac{4}{8}$

c. $1\frac{6}{8}$

d. $1\frac{1}{2}$

11) Which of the following mixed numbers is equal to $\frac{6}{5}$?

a. $1\frac{1}{2}$ b. $1\frac{1}{12}$

c. $1\frac{1}{5}$ d. $1\frac{1}{6}$

12) $2\frac{1}{8}$ is equivalent to:

a. $\frac{4}{8} - \frac{2}{8}$ b. $\frac{4}{8} + \frac{2}{8}$

c. $\frac{17}{8}$ d. $\frac{11}{8}$

13) Which of the following is a unit fraction?

a. $\frac{1}{8}$

b. $\frac{3}{8}$

c. $\frac{8}{8}$

d. $\frac{8}{1}$

14) Which is the correct decomposition of $\frac{5}{9}$ using unit fractions?

a. $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{2}{9} = \frac{5}{9}$

b. $\frac{3}{9} + \frac{2}{9} = \frac{5}{9}$

c. $\frac{1}{9} + \frac{4}{9} = \frac{5}{9}$

d. $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} = \frac{5}{9}$

- 4 -

15) Which equation is not a correct decomposition of $\frac{10}{11}$?

   a. $\frac{1}{11} + \frac{2}{11} + \frac{3}{11} + \frac{4}{11} = \frac{10}{11}$

   b. $\frac{5}{11} + \frac{5}{11} = \frac{10}{11}$

   c. $\frac{1}{11} + \frac{2}{11} + \frac{8}{11} = \frac{10}{11}$

   d. $\frac{1}{11} + \frac{2}{11} + \frac{2}{11} + \frac{2}{11} + \frac{3}{11} = \frac{10}{11}$

16) Which relation is correct?

   a. $\frac{3}{7} > \frac{5}{7}$

   b. $\frac{6}{7} < \frac{4}{7}$

   c. $\frac{1}{7} > \frac{3}{7}$

   d. $\frac{1}{7} < \frac{5}{7}$

17) Which relation is correct?

   a. $\frac{7}{12} > \frac{7}{9}$

   b. $\frac{7}{8} < \frac{7}{10}$

   c. $\frac{7}{13} < \frac{7}{11}$

   d. $\frac{7}{15} > \frac{7}{9}$

18) Which fraction <u>is not equivalent</u> to $\frac{3}{9}$?

a. $\frac{6}{12}$

b. $\frac{5}{15}$

c. $\frac{2}{6}$

d. $\frac{1}{3}$

$\frac{\cancel{8}}{\cancel{9}} = \boxed{\frac{1}{3}}$

$\frac{\cancel{6}}{2 \cancel{+2}} = \boxed{\frac{1}{2}}$ 2

$\frac{\cancel{2}}{3 \cancel{8}} = \boxed{\frac{1}{3}}$

19) The order of the fractions $\frac{5}{10}, \frac{3}{12}, \frac{2}{6}$, and $\frac{10}{15}$ from the greatest to the smallest.

a. $\frac{10}{15}, \frac{5}{10}, \frac{3}{12}, \frac{2}{6}$

b. $\frac{3}{12}, \frac{2}{6}, \frac{5}{10}, \frac{10}{15}$

c. $\frac{10}{15}, \frac{5}{10}, \frac{2}{6}, \frac{3}{12}$

d. $\frac{10}{15}, \frac{3}{12}, \frac{5}{10}, \frac{2}{6}$

$\frac{2\cancel{10}}{3\cancel{5}} = \frac{2}{3}$

$\frac{\cancel{6}}{2\cancel{10}} = \frac{1}{2}$

$\frac{\cancel{2}}{3\cancel{8}} = \frac{1}{3}$

$\frac{\cancel{8}}{4\cancel{12}} = \frac{1}{4}$

20) Which number fits in the blank?

$\frac{1}{2} = \frac{11}{22}$

a. 10

b. 11

c. 12

d. 20

$\times 11$

$\frac{1}{2} \quad \frac{11}{22}$

$\times 11$

- 6 -

21) Which number fits in the blank?

$$\frac{2}{3} = \frac{18}{?}$$

a. 6
b. 9
c. 19
d. 27

22) If $600 \div 60 = 10$, then the divisor equals...........
a. 1   b. 10   c. 60   d. 100

23) The quotient of dividing 922 by 3 is .... and the remainder is 1.
a. 37   b. 703   c. 307   d. 76

24) If the quotient of dividing 48 by 5 equals 9 and the remainder is 3, which of the following statements can be used to verify that?
a. 9×5 b. $(9 \times 5) + 3$ c. $(3 \times 9) + 5$ d. $(3 \times 9) + (3 \times 5)$

25) $5 + 30 \div 5 = $ ....
a. 11   b. 7   c. 6   d. 3

26) Hoda bought 8 books for LE 160 , then the price of one book equals ......LE
a. 12   b. 168   c. 152   d. 20

27) $15 + (50 \div 10) \times 3 = $ ....
a. 60   b. 30   c. 23   d. 30

28) The number which if we divided it by 8, the quotient will be 6 and remainder 2 is ....
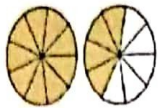a. 16   b. 46   c. 48   d. 50

29) $\frac{7}{12}$ is closer to the benchmark fraction ... ...

a. 1   b. $\frac{1}{2}$ c. $\frac{1}{4}$ d. 0

30) The fraction which represents the shaded parts in the following model is ....

a. $\frac{4}{9}$ b. $\frac{5}{9}$ c. $\frac{13}{9}$ d. $\frac{13}{18}$

31) which of the following represents a unit fraction? ....

a. $\frac{7}{4}$ b. $\frac{7}{7}$ c. $\frac{4}{7}$ d. $\frac{1}{7}$

32) $\frac{5}{9} + \frac{4}{9} = $ ....

a. $\frac{1}{9}$ b. $\frac{9}{18}$ c. 1   d. $\frac{20}{81}$

33) $\frac{1}{4} < \frac{1}{\text{.........}}$

a. 8   b. 7   c. 5   d. 3

34) $\frac{20}{7} = $ ....   (As a mixed number)

a. $3\frac{1}{7}$ b. $2\frac{6}{7}$ c. $2\frac{1}{7}$ d. $1\frac{6}{7}$

35) $4\frac{1}{2} = $ ....   (As an improper fraction)

a. $\frac{5}{2}$ b. $\frac{7}{2}$ c. $\frac{9}{2}$ d. $\frac{9}{4}$

36) $4 + \frac{7}{11} + 2 + \frac{1}{11} = $ ....

a. $6\frac{8}{11}$ b. $6\frac{8}{22}$ c. $2\frac{6}{11}$ d. $7\frac{8}{11}$

37) Which of the following statements is true?

a. $\frac{3}{5} = \frac{9}{25}$ b. $\frac{1}{2} = \frac{5}{15}$ c. $\frac{4}{5} = \frac{8}{10}$ d. $\frac{2}{10} = \frac{6}{10}$

-8-

38) The expanded form for the number 2.35 is ....

a. $2 + 0.5 + 0.03$ **b. $2 + 0.3 + 0.05$**

c. $3 + 0.5 + 0.02$ d. $5 + 0.2 + 0.03$

39) The standard form for the number: 3 ones, 5 tenths and 7 hundredths is ......

a. 3.57   **b. 3.75**

c. 7.53   d. 5.37

40) 0.4 is equivalent to ......

a. $\dfrac{4}{100}$ b. $\dfrac{1}{4}$

c. $\dfrac{10}{4}$ **d. $\dfrac{40}{100}$**

41) 71 hundredths equals ....

a. $\dfrac{7}{100}$ b. 0.29

c. 0.71   d. $\dfrac{17}{100}$

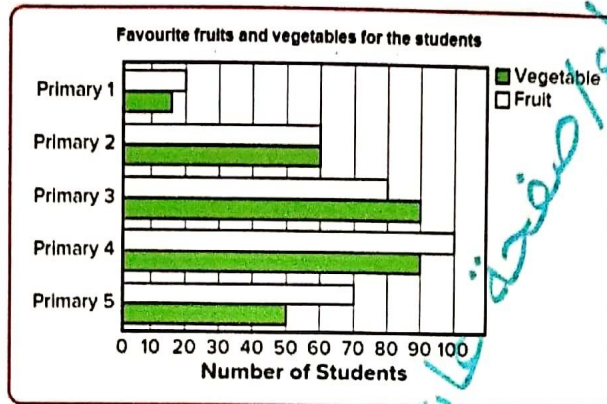42) $\dfrac{1}{10} + \dfrac{11}{100} = $ ....

a. 0.12   **b. 0.21**

c. 2.1   d. 1.2

- 9 -

From the following graph (q. 43 , q. 44):

Favourite fruits and vegetables for the students

■ Vegetable
□ Fruit

Primary 1
Primary 2
Primary 3
Primary 4
Primary 5

0 10 20 30 40 50 60 70 80 90 100
Number of Students

43) Which grade likes vegetables more than fruits?

a. Primary 2   b. **Primary 3**

c. Primary 4   d. Primary 5

44) What is the total number of students who like vegetables and fruits in grade 4?

$90 + 100 =$

a. 30   b. 120

c. 170   d. **190**

45) To compare between rainfall in the deserts of Africa in the two years 2020 ,
2022 we use:

a. Picture representation   b. **bar graph**

c. Line plot graph   d. double par graph

Complete:

46) $\frac{12}{20} = \frac{3}{5}$

$\frac{12}{20} = \frac{3}{5}$ ÷4 ÷4

47) $5\frac{5}{6} + 2\frac{1}{6} = 7\frac{6}{6} = 8$

$5\frac{5}{6} + 2\frac{1}{6} = 7\frac{6}{6} = 8$

48) $1 + 1\frac{1}{6} = 2\frac{1}{6}$

$\frac{5}{8} = \frac{10}{16}$ ×2

49) $\frac{5}{8} = \frac{10}{16}$

50) If $55 ÷ 5 = 11$, then the divisor is ⑤ 5   هو مجاوبها ×2

51) $7000 ÷ 7 = 1.000$

52) $5 - 2\frac{2}{5} = 2\frac{3}{5}$ → $5 = 4\frac{5}{5}$ $4\frac{5}{5} - 2\frac{2}{5} = 2\frac{3}{5}$

53) $3 - 1\frac{1}{6} = 1\frac{5}{6}$ → $3 = 2\frac{6}{6}$ $2\frac{6}{6} - 1\frac{1}{6} = 1\frac{5}{6}$

54) When we divide the number 26 by 5, the quotient is 5 and the remainder is 1

$5 × 5 = 25$ $26 - 25 = 1$

55) $\frac{5}{12} + \frac{2}{12} + \frac{6}{12} = 1\frac{1}{12}$ (in simplest form) → $= \frac{13}{12} = 1\frac{1}{12}$

56) $1 - \frac{2}{5} = ...$ $1 = \frac{5}{5}$ $\frac{5}{5} - \frac{2}{5} = \left(\frac{3}{5}\right)$

57) In the equation: $48 ÷ 6 = 8$ the dividend is 48, the divisor is 6 and the quotient is 8

58) $20 ÷ 4 - 3 = ...$ $20 ÷ 4 = 5$ $5 - 3 = 2$

-11-

59) $\frac{20}{36} = \frac{5}{9}$ in the simplest form

$\frac{20}{36}$ ÷5 $= \frac{5}{9}$ ÷5

60) $\frac{2}{3} = \frac{8}{12}$ → 4× $\frac{2}{3} \frac{8}{12}$ 4×

61) $20 - 9 + 5 = 16$

62) $100 - (4+7) \times 9 = ...$ → $(4+7) = 11$ $11 \times 9 = 99$ $100 - 99 = 1$

63) The proper fraction has the numerator .... than the denominator.   smaller

64) $\frac{7}{2}$ is an false fraction.

65) $3\frac{2}{5} - 1\frac{4}{5} = 1\frac{3}{5}$ → $3 = 2\frac{5}{5}$ $2\frac{5}{5} + \frac{2}{5} = 2\frac{7}{5}$

$2\frac{7}{5} - 1\frac{4}{5} = 1\frac{3}{5}$

66) $3\frac{3}{4} = \frac{15}{4}$ (in the form of an improper fraction)

67) $\frac{17}{3} = 5\frac{2}{3}$ (in the form of a mixed number) $5\frac{2}{3}$ ←

68) $\frac{5}{8} \times \frac{3}{3} = \frac{15}{24}$

69) $\frac{4}{5}, \frac{8}{10}, \frac{12}{15}, \frac{16}{20}, \frac{20}{25}$ (In the same pattern)

70) $24,506 - 14,506 = 10,0$

71) $606 \div 6 = 101$

72) The dividend in $48 \div 4 = 12$ is 48

73) The quotient in $81,000 \div 9$ equals 9

74) The remainder of: $82 \div 9$ is 1 $9 \times 9 = 81$ $82 - 81 = 1$

75) $16 - 12 \times 4 \div 8 = 10$ → $(12 \times 4) = 48$ $48 \div 8 = 6$ $16 - 6 = 10$

76) $\frac{3}{4} \times \frac{2}{2} = \frac{3}{4}$ (in the simplest form) $\frac{3}{4} \times 1 = \frac{3}{4}$

77) $614,821 + 5,623 = 620,444$

78) $18 \times 25 = 450$

79) $2\frac{6}{9} - 1\frac{2}{9} = 1\frac{4}{9}$

80) $\frac{5}{10} - \frac{2}{10} = \frac{3}{10}$

81) $\frac{4}{7} \times \frac{4}{4} = \frac{16}{28}$

82) $\frac{2}{5} = \frac{10}{25}$ → 5× $\frac{2}{5} = \frac{10}{25}$ 5×

83) $\frac{69}{100} + \frac{2}{10} = 89$ (In a decimal form) → $\frac{69}{100} + \frac{20}{100} = \frac{89}{100} = ,89$

84) The unit form for the number 8.5 is five out of ten

85) The place value of the digit 5 in the decimal number 12.15 is hundredths

86) The value of the digit 6 in the number 2.65 is ..0.06

87) $\frac{46}{100} + \frac{3}{10} = 0.76$ (In a decimal form) → $\frac{46}{100} + \frac{30}{100} = \frac{76}{100} = 0.76$

88) The suitable graph representation to compare the maximum and minimum temperature between many governorates during a week is....bar graph

Put (✓) for the right answer and (✗) for the wrong answer:

89) The number 45 in the division problem $45 \div 9 = 5$ is called the divisor. (✗)

90) The reminder of the division operation $65 \div 8 = 8$ is equal to 1 (✓)

91) If the quotient is 5 , the divisor is 4 and the remainder is 2 , then the dividend is 22 (✓)

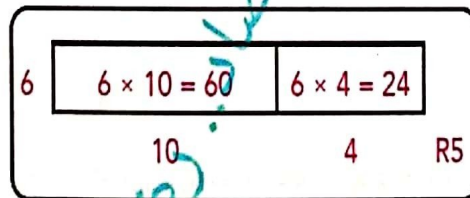92) The following division array represents the division problem:

$$21 \div 6 = 3\,R\,3$$

1	2	3	4	5	6				
7	8	9	10	11	12				
13	14	15	16	17	18				
19	20	21							

(✓)

93) To find the quotient in $4500 \div 5 = 900$, we can use the following fact: (✓)
$45 \div 5 = 9$

94) The following area model represents:

$$89 \div 6 = 14\,R\,5$$

6	$6 \times 10 = 60$	$6 \times 4 = 24$
	10	4 R5

(✓)

95) In the following division problem, the quotient is 224 and the remainder is 4.

$$
\begin{array}{r|r}
4\,|\overline{897} & 200 \\
-\,800 & \\
\hline
97 & 10 \\
-\,40 & \\
\hline
57 & 10 \\
-\,40 & \\
\hline
17 & 4 \\
-\,16 & \\
\hline
1 & \\
\end{array}
$$

96) To solve the following puzzle:

$12 \div 3 = 4$

$4 + 4 = 8$ $8 + \dfrac{10}{\triangle} = 18$

$6 \div 20 = 26$

$\triangle 2$

rectangle =4 , circle =6 and triangle =10

(✓)

97) $5 \times 6 - 4 + 3 = 13$

(✗)

98) $7 \times 8 \div 4 - 2 = 12$

(✗)

99) $17 \times (15 - 8) + 2 = 121$

(✗)

100) $\dfrac{1}{4} + \dfrac{1}{4} + \dfrac{1}{4} + \dfrac{1}{4} = 1$

(✓)

101) In the following shape, the unit fraction that represents the shaded part is $\dfrac{1}{4}$.

(✓)

102) In the following shape, the number of the unit fractions do we need to represent point E equals 5.

(✓)

103) In the following shape, the fraction that represents the shaded parts is $\frac{1}{2}$.

(ل)

104) The fraction $\frac{7}{5}$ is called an improper fraction.   (ل)

105) The fraction $\frac{2}{7}$ is called a proper fraction.   (ل)

106) In the following shape, the mixed number that represents the shaded parts is $1\frac{1}{4}$

(✗)

107) $1 + \frac{1}{5} + \frac{2}{5} = 1\frac{3}{10}$ $1\frac{3}{5}$ (✗)

108) $1 + \frac{2}{5} + \frac{3}{5} = 2$ $1 + \frac{5}{5} = 1$ $1 + 1 = 2 \leftarrow$ (ل)

109) $2 - \frac{1}{4} = 1\frac{3}{4}$ (ل)

110) $1\frac{3}{4} + \frac{1}{4} = 3$ $= 2$ (✗)

111) $5 - 2\frac{1}{4} = 2\frac{3}{4} \leftarrow$ $5 = \frac{4}{4}$ $4\frac{4}{4} - 2\frac{1}{4} = 2\frac{3}{4}$ (ل)

112) The following shape represents correctly the subtraction sentence:
$$4\frac{2}{3} - 2\frac{1}{3} = 2\frac{1}{3}$$

(ل)

113) The shaded parts in the following model represents the equivalent fraction of $\frac{1}{3}$

(ل)

114) From the following fraction wall, the equivalent fraction of $\frac{1}{2}$ is $\frac{1}{4}$ (✗) $\frac{2}{4}$

- 16 -

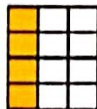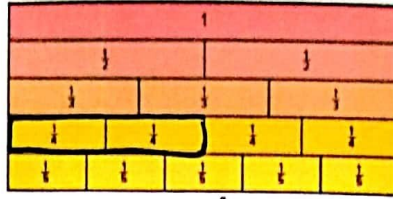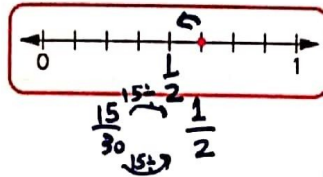إعداد/ صفحة على شبكة الفيسبوك أ/...

$\frac{2}{4}$ →

115) In the following shape: the fraction $\frac{5}{8}$ is closer to benchmark fraction $\frac{1}{2}$

( )

116) $\frac{1}{2} = \frac{15}{30}$ (✓)

117) $\frac{1}{2} \times 0 = 0$ (✓)

118) $\frac{5}{7} \times 1 = 1$ (✗)

119) Number of halves in the whole one is 2   (✓)

120) The fractions $\frac{4}{5} , \frac{12}{13}$ are equivalent.   (✗)

121) The fractions $\frac{6}{8} , \frac{9}{12} , \frac{12}{16}$ are equivalent to $\frac{3}{4}$ (✓)

$8 \times 3 = 24$ $28 - 24 = 4$

122) When we divide 28 by 8 the quotient will be 3 and the remainder 5   (✗)

123) The first step to solve the problem $30 - 20 \div 2 \times 5$ is division operation   (✗)

124) The dividend = (the divisor × the quotient) + the remainder   (✓)

125) $310 \div 3 = 100$ r1   (✗) $1\,0$

126) Mariem distributed LE 840 equally among four charity associations, then each association has LE 210   (✓)

127) The first step to solve the problem $16 - 8 \times 2 + 5$ is subtraction.   (✗)

128) The unit fraction that forms the proper fraction $\frac{5}{8}$ is $\frac{1}{8}$ (✓)

129) The number of unit fractions that form the proper fraction in $\frac{3}{4}$ is 4   3 (✗)

- 17 -

130) $1 - \frac{1}{3} = \frac{2}{3}$ $\boxed{1 = \frac{3}{3}}$ $\frac{3}{3} - \frac{1}{3} = \frac{2}{3}$ (✓)

131) The number of unit fraction $\frac{1}{4}$ in the whole one is 4 (✓)

132) $\frac{3}{9}$ is equivalent to $\frac{2}{3}$ $\frac{1}{3}$ (✗)

133) The decimal fraction represents the following model is 0.6 (✓)

134) The unit form for the number 7.34 is: 7 ones , 3 tenths and 4 hundredths (✓)

135) The decimal fraction which equivalent to $\frac{1}{4}$ is 0.5 (✗)

136) $0.6 > 0.58$ (✓)

137) $2.5 < 2.58$ (✓)

138) $\frac{1}{4} > 0.3$ (✓)

علياء شوقية القادرية

Match each paragraph of (A) with its appropriate (B):

(A) **(B)**

139)
$18 \div 3 + 15 - 1 = 20$ $3\frac{3}{4}$

140)
$2\frac{4}{6} - \frac{5}{6} = 1\frac{5}{6}$ → $2 = 1\frac{6+4}{6} = 1\frac{10}{6} - \frac{5}{6} =$ 910

141) The fraction that is represented by this model is

$\frac{8}{4}$

   $1\frac{5}{6}$

142) $\frac{15}{4} = 3\frac{3}{4}$ 20

143) $4550 \div 5 = 910$ $\frac{8}{4}$

- 18 -

	(A)	(B)

144) $224 \div 7 = $ ...**32**

$\frac{17}{5}$

145) $\frac{8^{\times 3}}{9_{\times 3}} = $ ...$\frac{24}{27}$

30

146) The improper fraction for the shaded part of the mixed number $3\frac{2}{5}$ is ...$\frac{17}{5}$

32

147) $300 \div (30-20) = $ ..**30**

$\frac{3}{4}$

148) $\frac{3}{4} \times \frac{5}{5} = $ ...$\frac{3}{4}$

$\frac{24}{27}$

....

	(A)	(B)

149) $3\frac{4}{5} - 1\frac{3}{5} = $ ...$2\frac{1}{5}$

80

150) The mixed number represented by the following model is ....$4\frac{1}{3}$

$2\frac{1}{5}$

151) $688 \div 8 = $ ...**86**

86

152) $4\frac{3}{5} = $ ..$\frac{23}{5}$

$\frac{23}{5}$

153) $89 + 3 - 3 \times 4 = $ ...**80**

$4\frac{1}{3}$

....

	(A)	(B)

154) $4 + \frac{4}{8} + 2 + \frac{5}{8} = $ ...$7\frac{1}{8}$

29

155) $\frac{13}{9} = $ ...$1\frac{4}{9}$

64

- 19 -

156) $77 - 13 \times 2 \div 2 = $ **64**

157) $145 \div 5 = $ **29**

158) The expression which represents an equivalent value of $\frac{6}{9}$ is $\frac{3}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9}$

$1\frac{4}{9}$

$\frac{3}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9}$

$7\frac{1}{8}$

....

(A) $17 \times 5 = 85$ (ب) $87 - 85 = 2$

159) The remainder of $87 \div 5$ is **2**

$\frac{5}{4}$

160) The expression which has the value $\frac{5}{6}$ is $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$
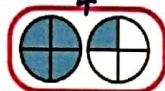
$7\frac{1}{8}$

161) $77 \div 7 + 9 = $ **20**

20

162) The improper fraction that represents the shaded parts in the following model is **2** $\frac{5}{4}$

2

163) $4\frac{3}{8} + 2\frac{6}{8} = 7\frac{1}{8}$ $= 6\frac{9}{8} = 7\frac{1}{8}$ $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

....

(A)   (B)

164) $1 - \frac{3}{5} = \frac{2}{5}$ $1 = \frac{5}{5}$ $\frac{5}{5} - \frac{3}{5} = \frac{2}{5}$

11

165) $2\frac{2}{9} + 3\frac{5}{9} = 5\frac{7}{9}$

$\frac{26}{7}$

166) $812 \div 4 = $ **203**

$5\frac{7}{9}$

167) $49 - 7 \times 6 + 4 = $ **11**

$\frac{2}{5}$

168) $3\frac{5}{7} = $ ......

203

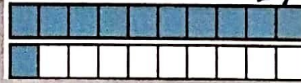$\frac{(3 \times 7) + 5}{7} = \frac{21 + 5}{7} = \frac{26}{7}$

	(A)	(B)
169)	4 ones, 9 hundredths = ...$4,09$	**1.1**
170)	$\frac{2}{10} + \frac{3}{10} + \frac{9}{10} = 1\frac{4}{10}$	10.05
171)	The decimal number which represents the shaded parts in this model is ...$1., 1$	4. 09
172)	$10\frac{5}{100} = 10,05$	4
173)	$\frac{40}{100} = \frac{4}{10}$	$1\frac{4}{10}$

....

	(A)	(B)
174)	$3\frac{2}{10} = ... 3, 2$	$0.07 + 0.1 + 1$
175)	The value of the digit 4 in the number 3.94 is ...$0, 04$	3.2
176)	1.17 in expanded form is $0.07+ 0,1 +1$	0.61
177)	$0.60 = ...$	0.6
178)	$\frac{46}{100} + \frac{15}{100} = 0.61$ $\boxed{\frac{61}{100}}$	0.04

تم وضعها
ماكنتش مطولها
معنى عايزولغز الضاد
رضاكنفضا

....

(A)   (B)

179) $2\frac{8}{10} = 2\frac{80}{100}$ 5.51

180) The decimal number which represents the   Tenths
shaded parts in this model is ..**2.40**
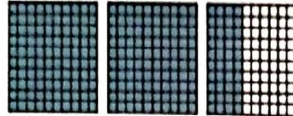
181) The place value of the digit 3 in the decimal   **2.40**
number 12.31 is **Tenths**

182) 5 + 0.5 + 0.01 = **5.51**   Nine

hundredths

183) The word form of the number 0.09 is ..**hundredths**   **80**

···

$\frac{20}{100} + \frac{80}{100} = \frac{100}{100} = \textcircled{1}$ ✓

(A)   (B)

184) $\frac{2}{10} + \frac{80}{100} = ..$**1**   0.05

185) The standard form of the number :   10
2 Ones, 1 Tenths, 9 Hundredths **2.19**

186) $5\frac{24}{100} = ...$**5.24**   5.24

187) 0.08 > ..**05**   1

188) $1\frac{70}{100} = 1\frac{7}{10}$ 2.19

- 22 -

Essay questions:

189) There are 72 students on the playground. They want to make teams with 9 students in each team. How many teams will they make? $72 \div 9 =$ 8 teams

190) Salem brought 15 pies to give to 4 friends. How can Salem share the pies equally? What is the remainder? $15 \div 4 = 3$ remainder ③
$3 \times 4 = 12$ $15 - 12 = 3$

191) There are 48 mugs that need to be put in boxes and shipped. Eight mugs can fit in each box. How many boxes will be needed to ship the mugs?
$48 \div 8 = 6$ 6 boxes

192) There were 540 crayons in a large bin. Students were asked to put each 9 crayons in a small box. How many boxes are needed?
$540 \div 9 = 60$ boxes

193) An organization donated 84 books to a school. The books will be distributed equally among 6 classrooms. How many books will each classroom get?
$84 \div 6 = 14$ book

194) Rashida saved 545 LE to buy a toy car. She did this by saving 5 LE every day. How many days were needed to save enough money to buy a toy car?
$545 \div 5 = 109$ day

195) Amir bought a book of stickers. There were 92 stickers in the book. He wanted to distribute them equally among 4 friends. How many stickers will each friend get?
$92 \div 4 = 23$ sticker

196) There are 64 pencils. The pencils have to be divided equally among 4 groups of students. How many pencils will each group get?
$64 \div 4 = 16$ pencil

197) The owner of a juice fruit market has 480 paper cups. If he wants to use the cups for 3 months equally, how many cups should he use each month?
$480 \div 3 = 160$ cup

198) A train has 784 seats for passengers. If there are 7 cars on the train and each car has the same number of seats, how many seats in each car?
$784 \div 7 = 112$ seat

199) Yahia placed 21 juice bottles equally on 3 tables. How many juice bottles were placed on each table?

$21 \div 3 = 7$ Juice bottle

200) Mazen needs $\frac{3}{4}$ kilogram of sugar for his sweets recipe. He has a measuring cup that holds $\frac{1}{4}$ kilogram of sugar. How many times will he need to fill the measuring cup for his recipe?

3 many times $\frac{3}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

③

201) Hany drank $1\frac{3}{8}$ liters of water. Samir drank $1\frac{5}{8}$ liters of water. How many liters of water did Hany and Samir drink together? $1\frac{3}{8} + 1\frac{5}{8} = 2\frac{8}{8} = ③$ Liters

202) Badr bought $1\frac{1}{2}$ kilograms of sugar, $2\frac{1}{2}$ kilograms of flour and $1\frac{1}{2}$ kilograms of rice. What is the total number of the kilograms that Badr bought? $1\frac{1}{2} + 1\frac{1}{2} + 2\frac{2}{2} = 5\frac{1}{5}$ k.g

203) Each of Othman and Ramzy has a bar of sweet of the same size. If Othman ate $\frac{4}{6}$ of his bar and Ramzy ate $\frac{4}{8}$ of his bar. Who ate more?

Othman $\frac{4}{6} \div 2$ $\frac{2}{3} > \frac{1}{2}$ __Othman__   Ramzy $\frac{4}{8} \xrightarrow{4 \div} \frac{1}{4} < \frac{1}{2}$

204) Amir has 12 cakes, he ate $\frac{1}{4}$ of them. How many cakes did Amir ate?

$12 \div 4 = 3$ he ate 3 cakes

205) Nabil has 9 cakes. $\frac{2}{3}$ of them have chocolate. How many chocolate cakes are there?

$9 \div 3 = 3$ $\frac{1}{3} = 3$ $\frac{1}{3} + \frac{1}{3} = 3 + 3 = 6$ 6 cakes

206) Manar is making a drink that requires $\frac{5}{8}$ liter of milk, and she has only $\frac{2}{8}$ liter of milk. How much milk does Manar need more to make the drink?

$\frac{5}{8} - \frac{2}{8} = \frac{3}{8}$ liter

207) Samira cut a cake into 8 equal parts and ate one part of them. What is the fraction that represents the remaining parts?

$\frac{8}{8} - \frac{1}{8} = \frac{7}{8}$ parts

208) Adam drunk 0.6 liter of juice. Omar drunk $\frac{4}{10}$ liter of juice. Who drank more?

$0.6 = \frac{6}{10}$ $\frac{6}{10} > \frac{4}{10}$ Adam drunk more.

209) Zaher has a number of seeds. On Friday he planted $\frac{3}{9}$ of them, and he planted $\frac{5}{9}$ of them on Saturday. What fraction represents the seeds that Zaher planted in both of the two days?

$$\frac{5}{9} + \frac{3}{9} = \frac{8}{9}$$

210) Ayman finished $\frac{2}{7}$ of the homework before his coming back home. What fraction represents the remaining part of the homework?

homework $\frac{7}{7}$ $\frac{7}{7} - \frac{2}{7} = \frac{5}{7}$

211) Hala spends $\frac{1}{10}$ from her pocket money to buy a toy. What fraction represents the remaining money of her pocket money?

pocket money $\frac{10}{20}$ $\frac{10}{10} - \frac{1}{10} = \frac{9}{10}$

212) Samir read $\frac{3}{10}$ of his book on Monday, and $\frac{55}{100}$ of it on Friday. What fraction represents the part that Samir read from the book?

$$\frac{30}{100} + \frac{55}{100} = \frac{85}{100}$$

213) If Manar's bottle contains $\frac{6}{10}$ liter of oil while Hana's bottle contains 0.75 Which bottle contains more oil?

Hana → $,75 = \frac{75}{100}$ > Manar $\frac{6}{10} = \frac{60}{100}$ Hana

214) A piece of wood of length $\frac{12}{15}$ meter. Another piece of wood of length $\frac{9}{15}$ meter. What is the length of the two pieces of wood together?

$$\frac{9}{15} + \frac{12}{15} = \frac{21}{15} = 1\frac{6}{15}$$

215) How many small pieces of wood of length 0.1 meter can be cut from another big piece of length 0.7 meter?

7 pieces

216) Gamal's home is 0.44 kilometer from the school, while Hany's home is $\frac{6}{10}$ from the school. Who has to walk a long distance to the school?

Gamal → $,44 = \frac{44}{100}$ < Hany → $\frac{6}{10} = \frac{60}{100}$ Hany

217) Hana's bought a piece of cloth of length $\frac{8}{10}$ meter. And Mona bought another piece of length $\frac{25}{100}$ meter. What is the total length of the two pieces?

$$\frac{25}{100} + \frac{80}{100} = \frac{105}{100} = 1\frac{5}{100}$$
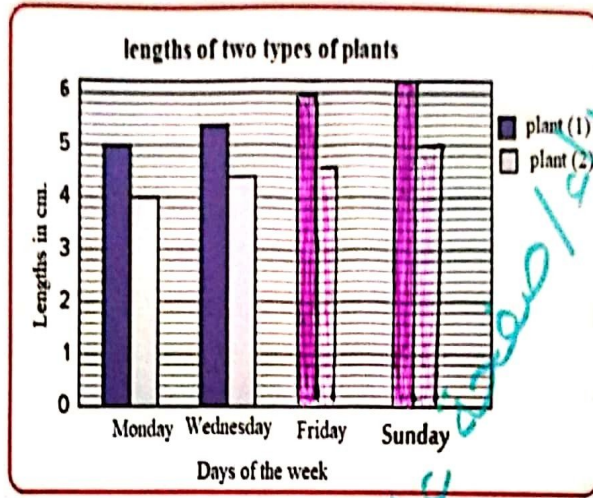
218) Hosam walked $\frac{}{10}$ kilometer then he walked $\frac{21}{100}$ kilometer else. How long did Hosam walk to the home?

$$\frac{21}{100} + \frac{50}{100} = \frac{71}{100}$$ -25-

219) Ahmed has 15 cakes. If $\frac{3}{5}$ of them are covered with chocolate. How many chocolate cakes are there?

cakes $15 \div 5 = 3$ $3 \times 3 = \boxed{9}$

220) The following data show the distance in kilometers that some students cover to the school:

$\frac{3}{5}$ km; $\frac{2}{5}$ km; $\frac{2}{5}$ km; $\frac{5}{5}$ km; $\frac{4}{5}$ km; $\frac{2}{5}$ km; $\frac{4}{5}$ km; $\frac{5}{5}$ km; $\frac{4}{5}$ km; $\frac{4}{5}$ km; $\frac{1}{5}$ km

(a) Create the line plot for the given data.

x = Km

(b) What's the distance that most of the students cover to the school?

$\frac{4}{5}$ Km

221) Kamal recorded the lengths of two types of plants in four days as follow:

	Mon.	Wed.	Fri.	Sun.
plant(1)	5 cm	$5\frac{2}{5}$ cm	6 cm	$6\frac{1}{5}$ cm
plant(2)	4 cm	$4\frac{2}{5}$ cm	$4\frac{3}{5}$ cm	5 cm

(a) Use the above data to complete the following graph:

- 26 -

lengths of two types of plants

b) In plant (1), What's the amount of increasing in its length from Monday to Sunday?

$$6\frac{1}{5} - 5 = 1\frac{1}{5}$$